

Appl. No.: 10/663,252
Amd. Dated March 14, 2005
Reply to Final Office Action of January 31, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An electronics assembly, comprising:
a chassis defining an internal cavity for receiving a plurality of electronic cards;
[[an]] electronic [[card]] cards within the chassis defining at least first and second flow channels, wherein the electronic cards alone act as dividers to define the first and second flow channels;

a first air mover configured to cause air to flow through the first flow channel; and
a second air mover configured to cause air flowing in the first flow channel to flow through the second flow channel.

Claim 2 (canceled)

Claim 3 (original): The electronics assembly of claim 1, wherein the first and second air movers are fans or blowers.

Claim 4 (original): The electronics assembly of claim 1, further comprising a flow guide to assist air flow from the first flow channel to the second flow channel.

Claim 5 (original): The electronics assembly of claim 1, wherein the first and second air movers are in a fan tray.

Claim 6 (original): The electronics assembly of claim 1, wherein the first air mover is in a fan tray with one or more additional air movers.

Claim 7 (original): The electronics assembly of claim 1, wherein the second air mover is in a fan tray with one or more additional air movers.

Claim 8 (original): The electronics assembly of claim 1, wherein the air flowing in the first channel flows in direction opposite the air flowing in the second flow channel.

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Claim 9 (original): The electronics assembly of claim 1, further comprising an intake opening for air to flow through to the first flow channel.

Claim 10 (original): The electronics assembly of claim 1, further comprising an exhaust opening for air to flow through from the second flow channel.

Claim 11 (original): An electronics assembly, comprising:
a chassis defining an internal cavity for receiving a plurality of electronic cards;
an electronic card within the chassis defining first and second flow channels;
a first air mover configured to cause air to flow through the first flow channel; and
a second air mover configured to cause air flowing in the first flow channel to flow through the second flow channel.

Claim 12 (original): The electronics assembly of claim 11, wherein the first and second air movers are fans or blowers.

Claim 13 (original): The electronics assembly of claim 11, further comprising a flow guide to assist air flow from the first flow channel to the second flow channel.

Claim 14 (original): The electronics assembly of claim 11, wherein the first and second air movers are in a fan tray.

Claim 15 (original): The electronics assembly of claim 11, wherein the first air mover is in a fan tray with one or more additional air movers.

Claim 16 (original): The electronics assembly of claim 11, wherein the second air mover is in a fan tray with one or more additional air movers.

Claim 17 (original): The electronics assembly of claim 11, wherein the air flowing in the first channel flows in direction opposite the air flowing in the second flow channel.

Claim 18 (previously presented): The electronics assembly of claim 11, further comprising an intake opening for air to flow through to the first flow channel.

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Claim 19 (original): The electronics assembly of claim 11, further comprising an exhaust opening for air to flow through from the second flow channel.

Claim 20 (previously presented): An electronics assembly, comprising:
a chassis defining an internal cavity for receiving a plurality of electronic cards;
an electronic card means for defining first and second flow channels within the chassis, the means for defining being parallel to the electronic cards and;
a first means for moving air through the first flow channel; and
a second means for moving air in the first channel to flow through the second flow channel.

Claim 21 (original): A method of providing air through an electronics assembly having a chassis, comprising:

moving air through a first flow channel in the chassis, the first flow channel being defined by an electronic card within the chassis;

moving air from the first flow channel to a second flow channel in the chassis, the second flow channel being defined by the electronic card within the chassis.

Claim 22 (original): The method of claim 21, wherein the air flowing in the first channel flows in direction opposite the air flowing in the second flow channel.

Claim 23 (new): The electronics assembly of claim 11 wherein the chassis includes a backbone, and the electronic card is in communication with the backbone.